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LOGINID:ssspta1653rxt

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NEWS HOURS

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NEWS X25

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * * * * *
                     Welcome to STN International
NEWS
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS
     2
                 "Ask CAS" for self-help around the clock
NEWS
     3
        OCT 23
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
                 CHEMLIST enhanced with new search and display field
NEWS
        OCT 30
NEWS
     5
        NOV 03
                 JAPIO enhanced with IPC 8 features and functionality
NEWS
     6
        NOV 10
                 CA/CAplus F-Term thesaurus enhanced
NEWS
     7
        NOV 10
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
NEWS 8
                 CA/CAplus to MARPAT accession number crossover limit increased
        NOV 20
                 to 50,000
NEWS 9
        DEC 01
                 CAS REGISTRY updated with new ambiguity codes
NEWS 10
        DEC 11
                 CAS REGISTRY chemical nomenclature enhanced
NEWS 11
        DEC 14
                 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12
                 GBFULL and FRFULL enhanced with IPC 8 features and
        DEC 14
                 functionality
NEWS 13
        DEC 18
                 CA/CAplus pre-1967 chemical substance index entries enhanced
                 with preparation role
NEWS 14
        DEC 18
                 CA/CAplus patent kind codes updated
NEWS 15
        DEC 18
                 MARPAT to CA/CAplus accession number crossover limit increased
                 to 50,000
NEWS 16
        DEC 18
                 MEDLINE updated in preparation for 2007 reload
        DEC 27
NEWS 17
                 CA/CAplus enhanced with more pre-1907 records
        JAN 08
NEWS 18
                 CHEMLIST enhanced with New Zealand Inventory of Chemicals
        JAN 16
NEWS 19
                 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20
        JAN 16
                 IPC version 2007.01 thesaurus available on STN
NEWS 21
        JAN 16
                 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22
        JAN 22
                 CA/CAplus updated with revised CAS roles
NEWS 23
        JAN 22
                 CA/CAplus enhanced with patent applications from India
NEWS 24
        JAN 29
                 PHAR reloaded with new search and display fields
NEWS 25
        JAN 29
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
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Welcome Banner and News Items

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STN Operating Hours Plus Help Desk Availability

X.25 communication option no longer available

AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

For general information regarding STN implementation of IPC 8

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:33:34 ON 04 FEB 2007

=> file registry
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:33:51 ON 04 FEB 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 FEB 2007 HIGHEST RN 919200-33-2 DICTIONARY FILE UPDATES: 2 FEB 2007 HIGHEST RN 919200-33-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> s lkqnggnfsl/sqep

L1 0 LKONGGNFSL/SOEP

=> S CLKQNGGNFSLG/SQEP

L2 1 CLKQNGGNFSLG/SQEP

=> S LKQNGGNFSL/SQEP

L3 0 LKQNGGNFSL/SQEP

=> S SLKQNGGNFSLC/SQEP

L4 1 SLKQNGGNFSLC/SQEP

=> S KGGCLKQNGGNFSLGGKA/SQEP

L5 1 KGGCLKQNGGNFSLGGKA/SQEP

=> S LKQNGGNFSL/SQSP

L6 4 LKQNGGNFSL/SQSP

=> S CLKQNGGNFSLG/SQSP

L7 3 CLKQNGGNFSLG/SQSP

=> S SLKQNGGNFSLC/SQSP

L8 1 SLKQNGGNFSLC/SQSP

=> S KGGCLKQNGGNFSLGGKA/SOSP

L9 1 KGGCLKQNGGNFSLGGKA/SQSP

=> d 12 1

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 748770-00-5 REGISTRY

ED Entered STN: 21 Sep 2004

CN Glycine, L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-Lasparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 15: PN: WO2006098987 SEQID: 15 unclaimed sequence

CN 3: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C52 H84 N16 O17 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

$$H_2N$$
 H_2N
 H_2N
 H_2N
 H_3
 H_4
 H_5
 H_5
 H_5
 H_6
 H_6
 H_7
 H_8
 H_8

```
CO<sub>2</sub>H
 `Bu-i
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
               2 REFERENCES IN FILE CA (1907 TO DATE)
               2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
=> d 14 1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
L4
RN
     748770-01-6 REGISTRY
ED
     Entered STN: 21 Sep 2004
     L-Cysteine, L-seryl-L-leucyl-L-lysyl-L-glutaminyl-L-
     asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-
     (9CI)
           (CA INDEX NAME)
OTHER NAMES:
    16: PN: WO2006098987 SEQID: 16 unclaimed sequence
     4: PN: WO2004073649 PAGE: 37 claimed protein
     PROTEIN SEQUENCE; STEREOSEARCH
     C53 H86 N16 O18 S
MF
```

CA, CAPLUS, TOXCENTER, USPATFULL

SR

LC

CA

STN Files:

$$H_{2N}$$
 H_{2N}
 H

PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 15 1

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN

748769-99-5 REGISTRY Entered STN: 21 Sep 2004 ED

CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucylglycylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C73 H122 N24 O23 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 16 1-4

L6 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 909905-02-8 REGISTRY

ED Entered STN: 09 Oct 2006

CN L-Lysine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucylglycylglycyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 17: PN: WO2006098987 SEQID: 17 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C70 H117 N23 O22 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

PAGE 1-C

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 748770-01-6 REGISTRY

ED Entered STN: 21 Sep 2004

CN L-Cysteine, L-seryl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 16: PN: WO2006098987 SEQID: 16 unclaimed sequence

CN 4: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C53 H86 N16 O18 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

$$H_{2N}$$
 H_{2N}
 H

PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L6 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
- RN 748770-00-5 REGISTRY
- ED Entered STN: 21 Sep 2004
- CN Glycine, L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-

(9CI) (CA INDEX NAME)

OTHER NAMES:

15: PN: WO2006098987 SEQID: 15 unclaimed sequence 3: PN: WO2004073649 PAGE: 37 claimed protein CN

CN

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C52 H84 N16 O17 S

SR CA

STN Files: CA, CAPLUS, TOXCENTER, USPATFULL LC

Absolute stereochemistry.

PAGE 1-A

$$H_2N$$
 H_2N
 H_2N

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 748769-99-5 REGISTRY

ED Entered STN: 21 Sep 2004

CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucylglycylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C73 H122 N24 O23 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 17 1-3

L7 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN

909905-02-8 REGISTRY RN

ED Entered STN: 09 Oct 2006

CN L-Lysine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-Lasparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-Lleucylglycylglycyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

17: PN: WO2006098987 SEQID: 17 unclaimed sequence CN

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C70 H117 N23 O22 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

$$H_{2N}$$
 (CH₂) 4 S CO₂H H_{N} H_{N}

PAGE 1-C

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN

RN 748770-00-5 REGISTRY

ED Entered STN: 21 Sep 2004

CN Glycine, L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 15: PN: WO2006098987 SEQID: 15 unclaimed sequence

CN 3: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C52 H84 N16 O17 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

$$H_2$$
 H_3
 H_4
 H_5
 H_5
 H_4
 H_5
 H_5
 H_5
 H_5
 H_6
 H_6
 H_7
 H_8
 H_8

PAGE 1-B

$$M CO_2H$$

`Bu-i

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 2 REFERENCES IN FILE CA (1907 TO DATE) 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- ANSWER 3 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN L7
- RN
- 748769-99-5 REGISTRY Entered STN: 21 Sep 2004 ED
- CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-

as paraginylglycylglycyl-L-as paraginyl-L-phenylalanyl-L-seryl-L-leucylglycylglycyl-L-lys yl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

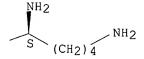
MF C73 H122 N24 O23 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 18 1

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 748770-01-6 REGISTRY

ED Entered STN: 21 Sep 2004

CN L-Cysteine, L-seryl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucyl-(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 16: PN: WO2006098987 SEQID: 16 unclaimed sequence

CN 4: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C53 H86 N16 O18 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

PAGE 1-A

$$H_{2N}$$
 H_{2N}
 H

PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 19 1

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN 748769-99-5 REGISTRY Entered STN: 21 Sep 2004 L9

RN

ED

CN L-Alanine, L-lysylglycylglycyl-L-cysteinyl-L-leucyl-L-lysyl-L-glutaminyl-L-asparaginylglycylglycyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-leucylglycylglycyl-L-lysyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO2004073649 PAGE: 37 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C73 H122 N24 O23 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)